

Appl. No. 10/002,222
Arndt. dated November 18, 2005
Reply to Office Action of August 26, 2005

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of caching data files comprising:
providing a first computer;
providing a second computer;
establishing a peer to peer network relationship between said first computer and said second computer;
utilizing a global communication network to establish said peer to peer relationship;
~~conveying a caching each~~ video file ~~conveyed~~ from said first computer to said second computer [[;
caching said video file]] at a caching computer;
transmitting a request sent from a third computer to said first computer for said at least one of the cached video files;
intercepting said request for said at least one of the cached video files sent by said third computer to said first computer;
transmitting said at least one of the cached video files from said caching computer to said third computer in response to said intercepted request.

2. (Canceled)

3. (Currently Amended) The method as described in claim 1 wherein said caching said each video file comprises:
caching said each video file at a location where said second computer is located.

4. (Canceled)

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5. (Currently Amended) The method as described in claim 1 and further comprising:

directing said third computer to obtain said at least one of the cached video files from said caching computer.

6. (Currently Amended) The method as described in claim 5 and further comprising:

establishing communications between said third computer and said caching computer; and

conveying said at least one of the cached video files to said third computer.

7. (Currently Amended) The method as described in claim 1 and further comprising:

providing an intermediate computer to facilitate communications between said first computer and said third computer, wherein said intermediate computer performs the intercepting step;

~~intercepting a request of said third computer for said video file.~~

8. (Currently Amended) The method as described in claim 7 and further comprising:

directing said third computer to said caching computer so as to obtain said at least one of the cached video files.

9. (Original) The method as described in claim 7 and further comprising:
utilizing said intermediate computer as said caching computer.

10. (Canceled)

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11. (Currently Amended) A computer readable medium having computer-executable instructions for performing a method comprising:
establishing a peer to peer relationship between a first computer and a second computer;
utilizing a global communication network to establish said peer to peer relationship;
receiving a first request for to stream a video file of the first computer from the second computer for real-time playback at said second computer;
conveying streaming said video file from the first computer to the second computer;
caching said streamed video file from the stream in transit from said first computer to said second computer at a caching computer for access by additional computers that request said video file;
intercepting a request for said video file sent by a third computer to said first computer;
transmitting said video file from said caching computer to said third computer in response to said intercepted request.

12. (Previously Presented) The computer readable medium as described in claim 11 wherein said method further comprises:

receiving a request for said video file from a third computer.

13. (Canceled)

14. (Previously Presented) The computer readable medium as described in claim 11 wherein said method further comprises:

caching said video file at a location where said second computer is located.

15. (Canceled)

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16. (Previously Presented) The computer readable medium as described in claim 15 and further comprising:
directing said third computer to obtain said video file from said caching computer.

17. (Canceled)

18. (Currently Amended) A method of caching data files comprising:
providing a first computer;
providing a second computer;
establishing a peer to peer network relationship between said first computer and said second computer;
utilizing a global communication network to establish said peer to peer relationship;
providing a plurality of caching computers;
conveying a caching each video file streamed from said first computer to said second computer [
caching said video file]] from the stream in transit, cached at a caching computer of the plurality which is determined to be most proximate to said second computer;
intercepting a request for said at least one of the cached video files sent by a third computer to said first computer;
in response to said intercepting of said request, directing said third computer to obtain said at least one of the cached video files from said caching computer;
establishing communications between said third computer and said caching computer; and
conveying said at least one of the cached video files to said third computer.

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19. (New) The method as described in claim 1 wherein said each video file conveyed from said first computer to said second computer is streamed from said first computer to said second computer for real-time playback at said second computer.

20. (New) The computer readable medium as described in claim 11 wherein each of a plurality of additional video file streamed from the first computer to the second computer are cached at the caching computer from the respective streams in transit between the first computer to the second computer.